

Title (en)

AN IMPROVED METHOD OF NON HOMOGENOUS ENZYME IMMUNOASSAY.

Title (de)

VERBESSERTES ANALYSEVERFAHREN FÜR NICHTHOMOGENE ENZYME.

Title (fr)

PROCEDE AMELIORE D'ANALYSE IMMUNOLOGIQUE D'ENZYMES NON HOMOGENES.

Publication

**EP 0040224 A4 19820909 (EN)**

Application

**EP 80902222 A 19801119**

Priority

AU PE137479 A 19791119

Abstract (en)

[origin: WO8101414A1] Method of non-homogenous enzyme immunoassay including the initial step of binding an analogue of ligand to an enzyme to form an enzyme-ligand analogue complex. This complex is then contacted with antibody for the ligand so as to bind the complex thereto. The enzyme analogue may then be displaced from the binding sites of the antibody by addition of the original ligand to which the antibody has been derived or of a different analogue having a higher specificity for the antibody than the enzyme labelled analogue. Subsequently the liberated enzyme analogue is separated from the enzyme analogue bound to the antibody and a quantity of liberated enzyme analogue is measured thereby determining the amount of ligand in a sample by comparison of the amount of liberated enzyme analogue with known concentrations of ligand.

IPC 1-7

**C12N 11/02**; **C12Q 1/34**; **C12Q 1/54**

IPC 8 full level

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CPC (source: EP)

**G01N 33/537** (2013.01)

Citation (search report)

- US 3966764 A 19760629 - GOLDSTEIN AVRAM, et al
- GB 1401297 A 19750716 - SYNTEX ENERGY RES, et al
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- CH 553410 B
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- EP 0026103 A1 19810401 - AMERSHAM INT PLC [GB]

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DOCDB simple family (publication)

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DOCDB simple family (application)

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